SEQUENCE LISTING

<110> HOLZBERG, STEVEN P.
POGUE, GREGORY P.

<120> CYTOPLASMIC INHIBITION OF GENE EXPRESSION AND EXPRESSION OF A FOREIGN PROTEIN IN A MONOCOT PLANT BY A PLANT VIRAL VECTOR

<130> 0801017200US00

<140> TO BE ASSIGNED
<141> 2001-01-25

<160> 74

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 17
<212> PRT
<213> Coxsackie virus

<400> 1
Asn Phe Asp Leu Leu Lys Leu Ala Gly Asp Val Glu Ser Asn Pro Gly
1 5 10 15
Pro

<210> 2
<211> 20
<212> PRT
<213> Coxsackie virus

<400> 2
Gln Leu Leu Asn Phe Asp Leu Leu Lys Leu Ala Gly Asp Val Glu Ser
1 5 10 15
Asn Leu Gly Pro
20

<210> 3
<211> 20
<212> PRT
<213> Coxsackie virus

<400> 3
Gln Leu Leu Asn Phe Asp Leu Leu Lys Leu Ala Gly Asp Val Glu Ser
1 5 10 15
Asn Pro Arg Pro
20

<210> 4
<211> 20
<212> PRT
<213> Coxsackie virus

<400> 4
Gln Leu Leu Asn Phe Asp Leu Leu Lys Leu Ala Gly Asp Val Glu Ser
1 5 10 15
Asn Pro Gly Pro
20

<210> 5
<211> 20
<212> PRT
<213> Coxsackie virus

<400> 5
Gln Thr Leu Asn Phe Asp Leu Leu Lys Leu Ala Gly Asp Val Glu Ser
1 5 10 15
Asn Pro Gly Pro
20

<210> 6
<211> 20
<212> PRT
<213> Coxsackie virus

<400> 6
Gln Leu Leu Asn Phe Asp Leu Leu Lys Leu Ala Gly Asp Val Glu Ser
1 5 10 15
Asn Pro Gly Pro
20

<210> 7
<211> 20
<212> PRT
<213> Coxsackie virus

<400> 7
His Tyr Ala Gly Tyr Phe Ala Asp Leu Leu Ile His Asp Ile Glu Thr
1 5 10 15
Asn Pro Gly Pro
20

<210> 8
<211> 20
<212> PRT
<213> Coxsackie virus

<400> 8
His Tyr Ala Gly Tyr Phe Ser Asp Leu Leu Ile His Asp Val Glu Thr
1 5 10 15
Asn Pro Gly Pro
20

<210> 9
<211> 20
<212> PRT
<213> Coxsackie virus

<400> 9
Tyr His Ala Asp Tyr Tyr Lys Gln Arg Leu Ile His Asp Val Glu Met
1 5 10 15
Asn Pro Gly Pro
20

<210> 10
<211> 19
<212> PRT
<213> Coxsackie virus

<400> 10
Gln Leu Leu Asn Phe Asp Leu Leu Lys Leu Ala Gly Asp Val Glu Ser
1 5 10 15

Asn Pro Gly

<210> 11
<211> 28
<212> DNA
<213> Barley stripe mosaic virus

<400> 11
cttcttccgt tgctagctaa aaaaaaaa 28

<210> 12
<211> 21
<212> DNA
<213> Barley stripe mosaic virus

<400> 12
agttacttct tgaatttctc c 21

<210> 13
<211> 39
<212> DNA
<213> Barley stripe mosaic virus

<400> 13
tatagcgcgc atttaaattg gtcttccctt gggggaccg 39

<210> 14
<211> 49
<212> DNA
<213> Saccharomyces cerevisiae

<400> 14
tatgctagct gattaattaa gtcgacgagc tgatttaaca aattttaac 49

<210> 15
<211> 44
<212> DNA
<213> Saccharomyces cerevisiae

<400> 15
tatgctagct gagcggccgc gcacgtgtca gtcctgctcc tcgg 44

<210> 16
<211> 46
<212> DNA
<213> Barley stripe mosaic virus

<400> 16
tatactagtt taattaagtc gaccatggct agcaaaggag aagaac 46

<210> 17
<211> 44
<212> DNA
<213> Barley stripe mosaic virus

<400> 17
tatactagtt gagcggccgc ttatttgtag agctcatcca tgcc 44

<210> 18
<211> 43
<212> DNA
<213> Barley stripe mosaic

<400> 18
tatagagctc tacaaatcta gaatggctac tttctcttgt gtg 43

<210> 19
<211> 21
<212> DNA
<213> Barley stripe mosaic virus

<400> 19
agagtccgtt aagattcatg g 21

<210> 20
<211> 30
<212> DNA
<213> Tobacco mosaic virus

<400> 20
cattaattaa gatgatggct agcaaaggag 30

<210> 21
<211> 112
<212> DNA
<213> Tobacco mosaic virus

<400> 21
atatctagac ctaggaccag ggttagattc cacgtcaccc gccaacttca gcaaatcaaa 60
attcaacagc tgtttgtaga gctcagcggc cgccttgtat agctcatcca tg 112

<210> 22
<211> 98
<212> DNA
<213> Tobacco mosaic virus

<400> 22
tatactagtc agctgttgaa ttttgatttg ctgaagttgg cgggtgacgt ggaatctaac 60
cctggtcctg tcgacaaagg agaagaactt ttcactgg 98

<210> 23
<211> 49
<212> DNA
<213> Tobacco mosaic virus

<400> 23
tatgctagcg atcaattagc ggccgcttat ttgtagagct catccatgc 49

<210> 24
<211> 39
<212> DNA
<213> Homo sapiens

<400> 24
ggccgcttat ccgtatgatg ttccggatta tgccgagct 39

<210> 25
<211> 31
<212> DNA
<213> Homo sapiens

<400> 25
cggcataatc cggaacatca tacggataag c 31

<210> 26

<211> 42
<212> DNA
<213> Chicken

<400> 26
ggccgctgaa caaaagctta tctctgagga agatcttgag ct 42

<210> 27
<211> 34
<212> DNA
<213> Chicken

<400> 27
caagatcttc ctcagagata agcttttgtt cagc 34

<210> 28
<211> 39
<212> DNA
<213> Cnidaria

<400> 28
ggccgctcat catcaccatc accatcacca tcacgagct 39

<210> 29
<211> 31
<212> DNA
<213> Cnidaria

<400> 29
cgtgatggtg atggtgatgg tgatgatgag c 31

<210> 30
<211> 32
<212> DNA
<213> Brome mosaic virus

<400> 30
tatttaatta agatgtcgac ttcaggaact gg 32

<210> 31
<211> 30
<212> DNA
<213> Brome mosaic virus

<400> 31
tatgcggccg ccctataaag cggggtgaag 30

<210> 32
<211> 33
<212> DNA
<213> Chicken

<400> 32
tatttaatta agatgacttg ccagacttac aac 33

<210> 33
<211> 31
<212> DNA
<213> Chicken

<400> 33
tatgcggccg cgcaattgca tctcctctga g 31

<210> 34
<211> 34
<212> DNA
<213> Bovine

<400> 34
tatttaatta agatgaaggc tctcgttatt ctgg 34

<210> 35
<211> 30
<212> DNA
<213> Bovine

<400> 35
tatgcggccg ccagggtgca accctcaacg 30

<210> 36
<211> 38
<212> DNA
<213> Homo sapiens

<400> 36
tatttaatta agatgggaaa aatggcttct ctatttgc 38

<210> 37
<211> 33
<212> DNA
<213> Homo sapiens

<400> 37
tatgcggccg cgaaaccgca ggaaccttca acg 33

<210> 38
<211> 33
<212> DNA
<213> Tomato

<400> 38
tatttaatta agatggagtc aaagtttgct cac 33

<210> 39
<211> 33
<212> DNA
<213> Tomato

<400> 39
tatgcggccg cagtcaccac aggcatttgt ac 33

<210> 40
<211> 25
<212> DNA
<213> Barley stripe mosaic virus

<400> 40
atagatatcg atccccttat agtgc 25

<210> 41
<211> 34
<212> DNA
<213> Barley stripe mosaic virus

<400> 41
atagctagca agcatgcgaa ggtaaataca gtag 34

<210> 42
<211> 46
<212> DNA
<213> Barley stripe mosaic virus

<400> 42
tatactagtt taattaagtc gaccatggct agcaaaggag aagaac 46

<210> 43
<211> 44
<212> DNA
<213> Barlesy stripe mosaic virus

<400> 43
tattctagat gagcggccgc ttatttgtag agctcatcca tgcc 44

<210> 44
<211> 46
<212> DNA
<213> Barley stripe mosaic virus

<400> 44
tatagagctc tacaaataat ctagaatggc tactttctct tgtgtg 46

<210> 45
<211> 21
<212> DNA
<213> Barley stripe mosaic virus

<400> 45
agagtccgtt aagattcatg g 21

<210> 46
<211> 35
<212> DNA
<213> Barley stripe mosaic virus

<400> 46
atataggtct cccatgatgg ctactttctc ttgtg 35

<210> 47
<211> 39
<212> DNA
<213> Barley stripe mosaic virus

<400> 47
tattaggtct cccatggcct tagaaacgga agaagaatc 39

<210> 48
<211> 35
<212> DNA
<213> Barley stripe mosaic virus

<400> 48
atataggtct cccatgatgg ctactttctc ttgtg 35

<210> 49
<211> 37
<212> DNA
<213> Barley stripe mosaic virus

<400> 49

tattaggtct cccatggcag gaccagggtt agattcc 37

<210> 50
<211> 21
<212> DNA
<213> Barley stripe mosaic virus

<400> 50
ggaaagccgg cgaacgtggc g 21

<210> 51
<211> 58
<212> DNA
<213> Barley stripe mosaic virus

<400> 51
tatattcgaa tctagaatcg atgctagctt gcatgctgtg aagtggtaaa agaaatgc 58

<210> 52
<211> 35
<212> DNA
<213> Tobacco mosaic virus

<400> 52
atataggtct cccatggcta gcaaaggaga agaac 35

<210> 53
<211> 48
<212> DNA
<213> Tobacco mosaic virus

<400> 53
tattaggtct cacatgcatg ctctagattt gtagagctca tccatgcc 48

<210> 54
<211> 35
<212> DNA
<213> Tobacco mosaic virus

<400> 54
atataggtct cccatggcta gcaaaggaga agaac 35

<210> 55
<211> 100
<212> DNA
<213> Tobacco mosaic virus

<400> 55
ttaggtctca catgtctaga ggaccagggt tagattccac gtcacccgcc aacttcagca 60
aatcaaaatt caacagctgt ttgtagagct catccatgcc 100

<210> 56
<211> 35
<212> DNA
<213> Tobacco mosaic virus

<400> 56
atataggtct cccatggcta gcaaaggaga agaac 35

<210> 57
<211> 41
<212> DNA
<213> Tobacco mosaic virus

<400> 57
tattagaatt ctctagatta tttgtagagc tcatccatgc c 41

<210> 58
<211> 31
<212> DNA
<213> Barley stripe mosaic virus

<400> 58
tatactagta tggacatgac gaaaactgtt g 31

<210> 59
<211> 31
<212> DNA
<213> Barley stripe mosaic virus

<400> 59
tatgctagct tatttggcct tgaaccaact g 31

<210> 60
<211> 31
<212> DNA
<213> Barley stripe mosaic virus

<400> 60
tatactagtc agctgttgaa ttttgatttg c 31

<210> 61
<211> 35
<212> DNA
<213> Black hulless barley

<400> 61
atattaatta actaaaccca tattgcttga ggcaa 35

<210> 62
<211> 35
<212> DNA
<213> Black hulless barley

<400> 62
tatgcggccg cctagtgtag tcaccagcta gatag 35

<210> 63
<211> 35
<212> DNA
<213> Black hulless barley

<400> 63
tatgcggccg cctactttca ggaggattac catcc 35

<210> 64
<211> 35
<212> DNA
<213> Black hulless barley

<400> 64
atattaatta actggatgaa aaagcagggt gttcc 35

<210> 65
<211> 32
<212> DNA

<213> Corn leaf

<400> 65
atattaatta acatggacac tggctgcctg tc 32

<210> 66
<211> 35
<212> DNA
<213> Corn leaf

<400> 66
tatgcggccg cctacaaagc aatcaaaatg cactg 35

<210> 67
<211> 34
<212> DNA
<213> Corn leaf

<400> 67
atattaatta acaaggtagc tgcttggaag gatg 34

<210> 68
<211> 35
<212> DNA
<213> Corn leaf

<400> 68
tatgcggccg cctagcaggt tactgacatg tctgc 35

<210> 69
<211> 33
<212> DNA
<213> Corn leaf

<400> 69
atattaatta accagtgcat tttgattgct ttg 33

<210> 70
<211> 35
<212> DNA
<213> Corn leaf

<400> 70
tatgcggccg cctaagatgg gacgggaact tctcc 35

<210> 71
<211> 35
<212> DNA
<213> Nicotiana benthamiana

<400> 71
atattaatta acatgcccca aattggactt gtttc 35

<210> 72
<211> 35
<212> DNA
<213> Nicotiana benthamiana

<400> 72
tatgcggccg cctactaaac tacgcttgct tctgc 35

<210> 73
<211> 35

<212> DNA
<213> Nicotiana benthamiana

<400> 73
tatgcggccg cctagggttt atgaagttaa gtgcc 35

<210> 74
<211> 35
<212> DNA
<213> Nicotiana benthamiana

<400> 74
atattaatta acaaggcact taacttcata aaccc 35